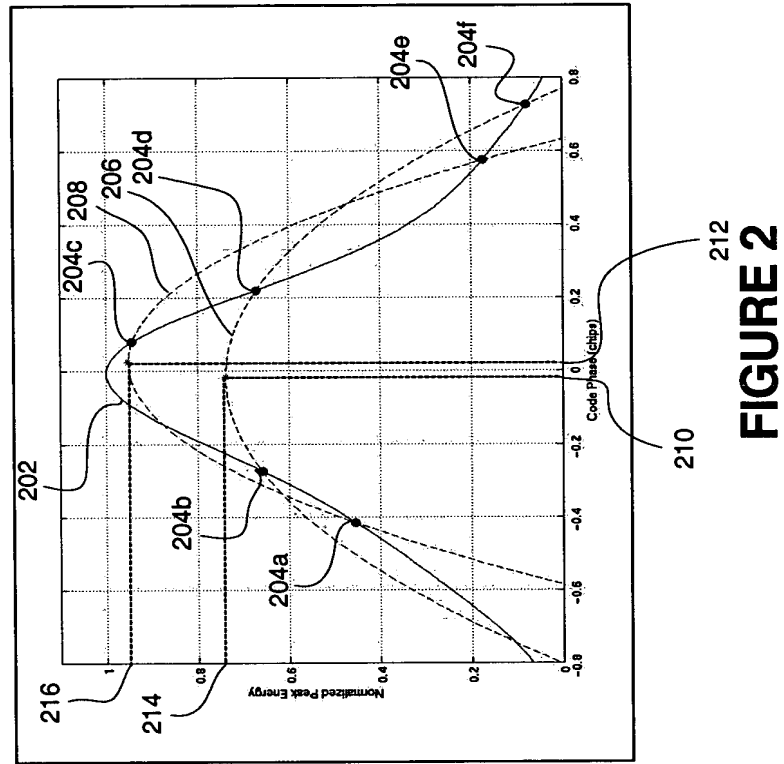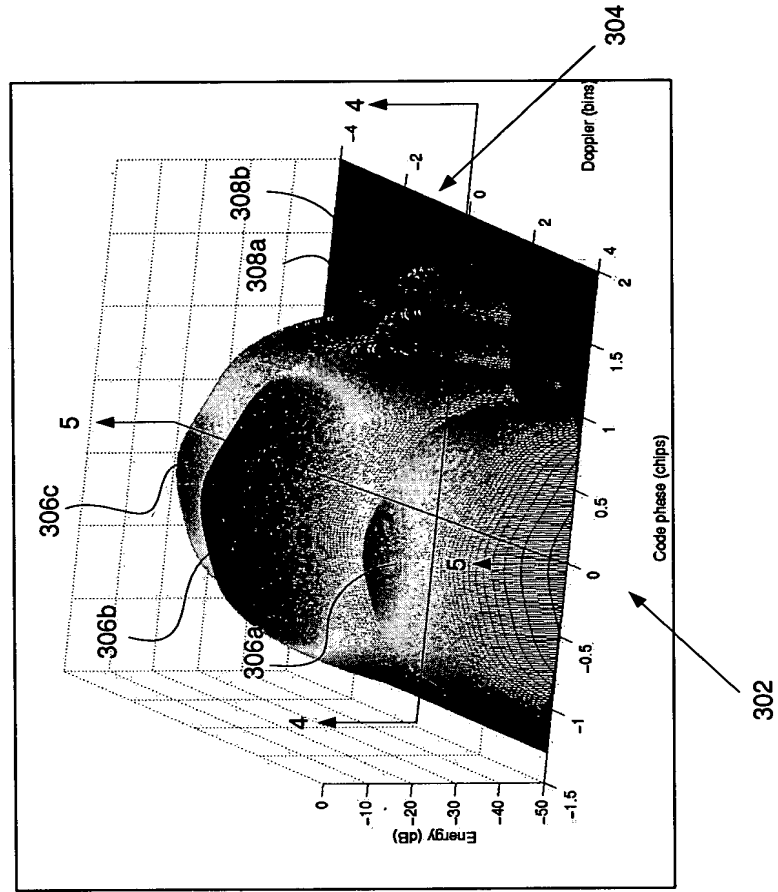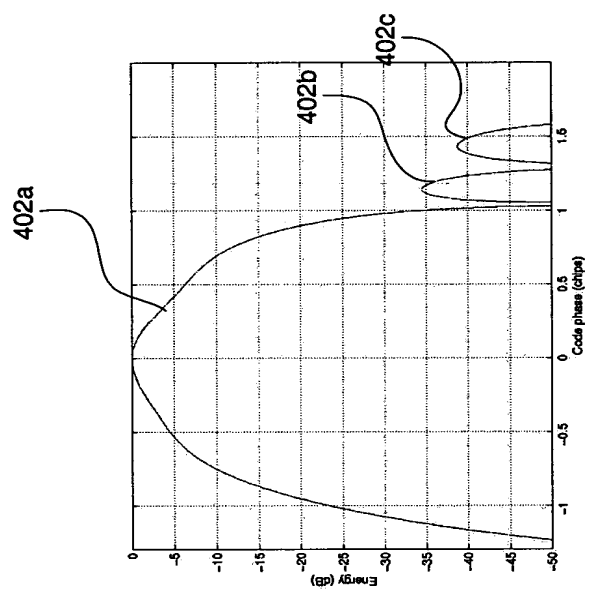**FIGURE 1**

FIGURE 2

FIGURE 3

FIGURE 4

FIGURE 5

FIGURE 6

702

Performing Interpolation on
Samples At or Near Local
Maxima or Minima

704

Derive Interpolation Offset

706

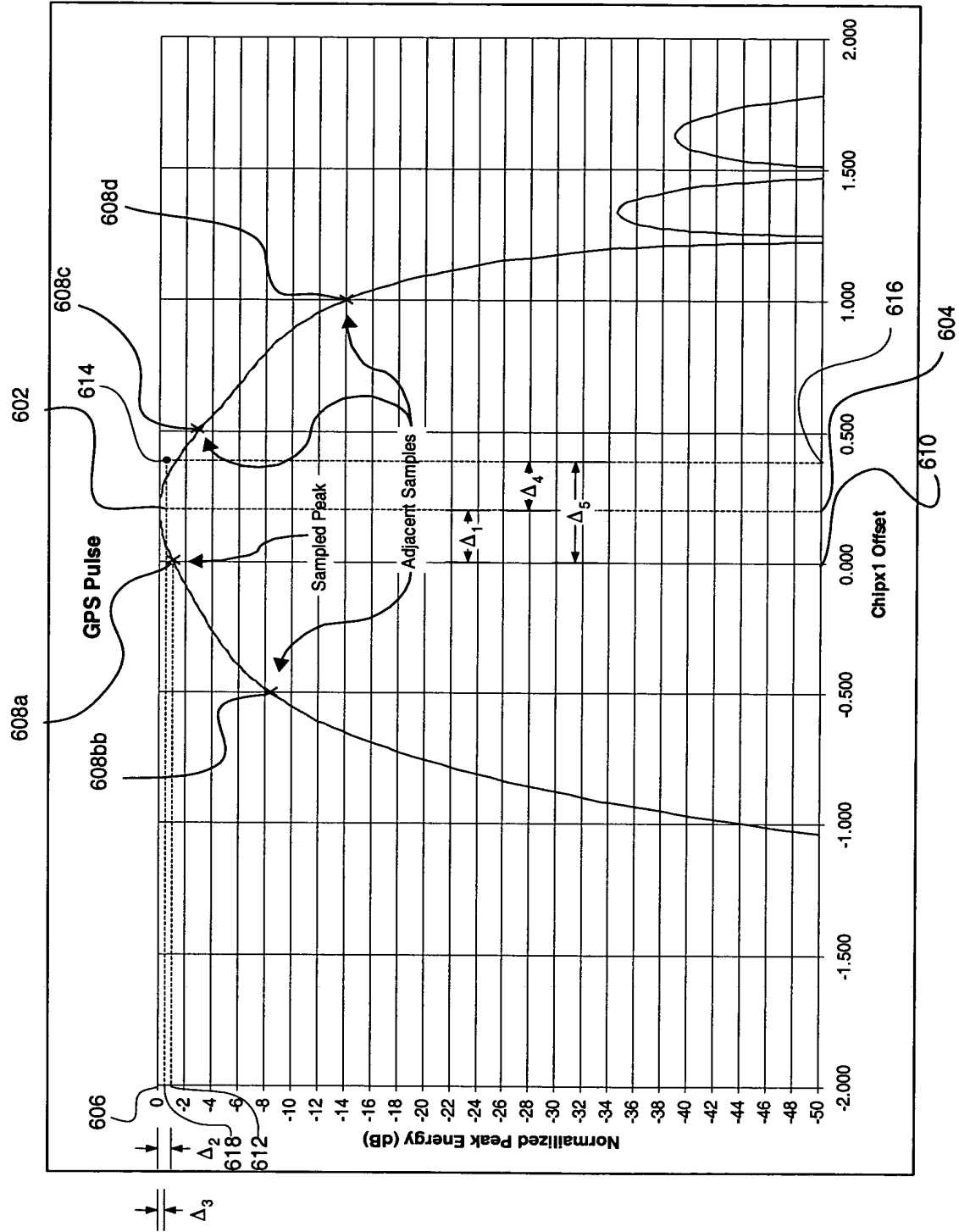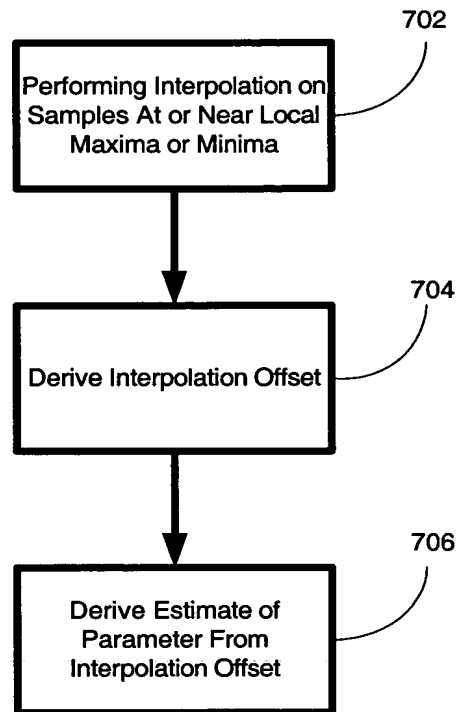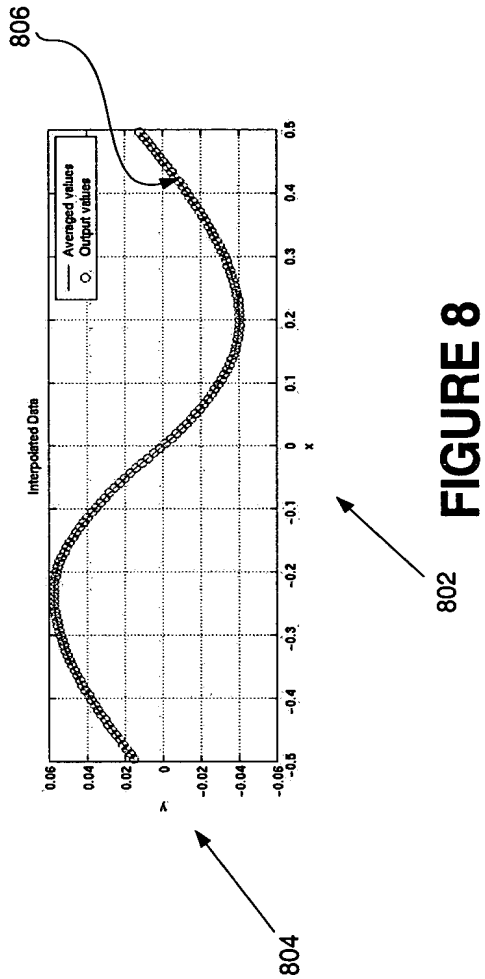Derive Estimate of
Parameter From
Interpolation Offset
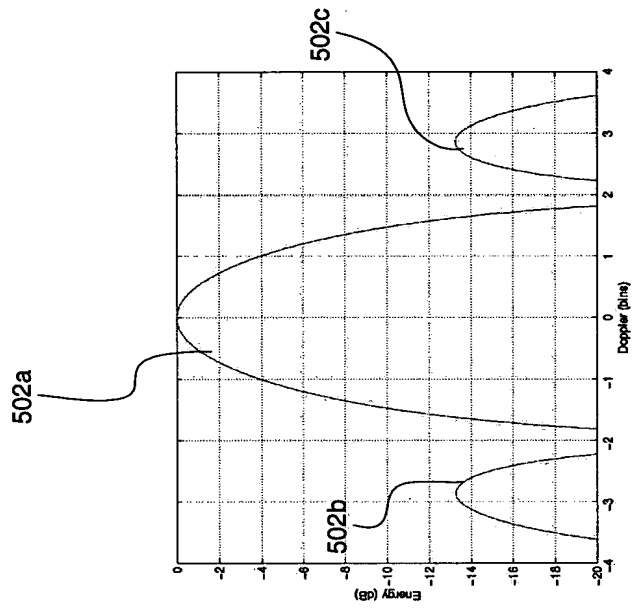
FIGURE 7

FIGURE 8

```
cpLutSize = 128;
cpBias [] = (
+0.015285758262,  +0.016950049216,  +0.019303562700,  +0.021191194936,
+0.022906145335,  +0.024869237538,  +0.026962368583,  +0.028838852156,
+0.030582534518,  +0.032624169261,  +0.034291396644,  +0.036060631279,
+0.037716910951,  +0.039135830596,  +0.040885180451,  +0.042367866177,
+0.043687632764,  +0.045240487285,  +0.046526745281,  +0.047848694297,
+0.049057529806,  +0.050152654510,  +0.051388193312,  +0.052258680156,
+0.053084404166,  +0.053954537121,  +0.054682600593,  +0.055320062121,
+0.055887818766,  +0.056490309488,  +0.056969348842,  +0.057146832235,
+0.057385439342,  +0.057461767747,  +0.057440163317,  +0.057404876826,
+0.057129687852,  +0.056683395311,  +0.056080525109,  +0.055450547936,
+0.054540173069,  +0.053215723734,  +0.051825849246,  +0.050525570011,
+0.048984585171,  +0.047139926953,  +0.045536750027,  +0.043667412317,
+0.041756085605,  +0.039632266692,  +0.037542856753,  +0.035200841715,
+0.032895689965,  +0.030471665121,  +0.027978347062,  +0.025407680027,
+0.022693848765,  +0.019899672911,  +0.017017987363,  +0.014029136190,
+0.010959278861,  +0.007822735900,  +0.004669359043,  +0.001505896164,
-0.001464774505,  -0.004373807389,  -0.007197023949,  -0.009761492890,
-0.012438543001,  -0.014921704491,  -0.017262655793,  -0.019522702105,
-0.021699659152,  -0.023793359241,  -0.025725346621,  -0.027472465458,
-0.029300094030,  -0.030801913926,  -0.032325752340,  -0.033979637553,
-0.035096725534,  -0.036164992030,  -0.037285472726,  -0.038245705252,
-0.038811099246,  -0.039388951001,  -0.039825459872,  -0.040133999624,
-0.040454269177,  -0.040429761090,  -0.040328420817,  -0.040154379733,
-0.039869133425,  -0.039672143420,  -0.039063049659,  -0.038572038619,
-0.037959777404,  -0.037097606397,  -0.036349917084,  -0.035393561919,
-0.034478435527,  -0.033424447919,  -0.032417277261,  -0.031260593420,
-0.029957149436,  -0.028599576009,  -0.027161857310,  -0.025737905229,
-0.024322961753,  -0.022669022584,  -0.021150091131,  -0.019555530970,
-0.017753101701,  -0.015928018884,  -0.014217781393,  -0.012494372374,
-0.010532858803,  -0.008707203323,  -0.006548922196,  -0.004732257679,
-0.002563640444,  -0.000602935772,  +0.001413794948,  +0.003452774939,
+0.005681842200,  +0.007643083210,  +0.009672718970,  +0.011759304259,
+0.011759304259
);
```

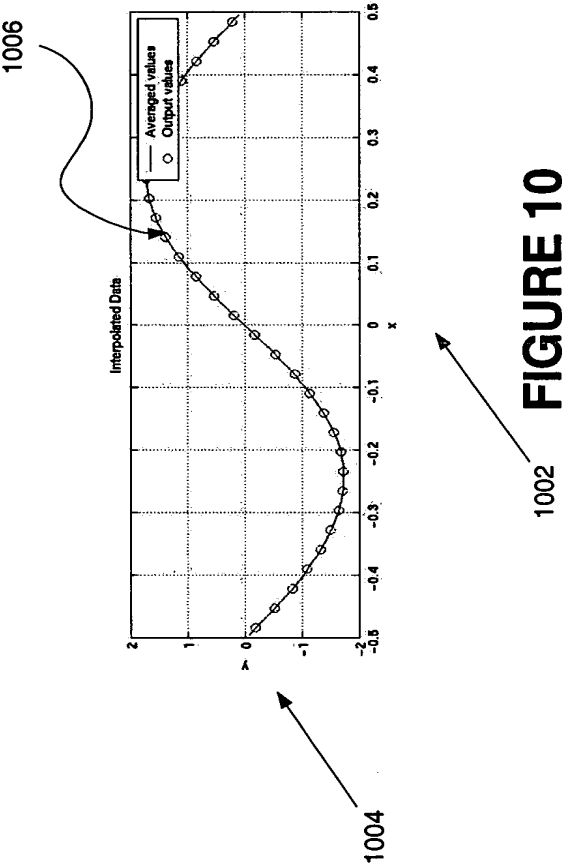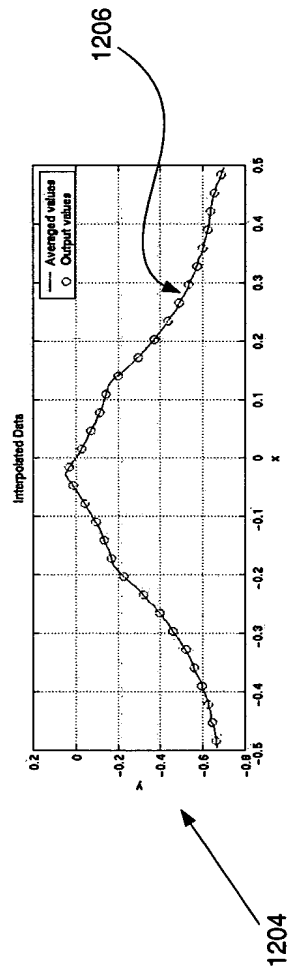902a   902b   902c   902d

FIGURE 9

FIGURE 10

1102a   1102b   1102c

```
dpLutSize = 32;
dpBias [] = (
-0.0065231888857,  -0.0198801728556,  -0.0322820290021,  -
0.0428337034555,
  -0.0519300010164,  -0.0589542370050,  -0.0644180484012,  -
0.0672431256889,
  -0.0677157327765,  -0.0659180308989,  -0.0611063144490,  -
0.0541434560017,
  -0.0444471712223,  -0.0339637231165,  -0.0203482655575,  -
0.0060873498555,
  +0.0087556063015,  +0.0224179830036,  +0.0353734510552,
  +0.0471662828281,
  +0.0565252557181,  +0.0635386186661,  +0.0681949204030,
  +0.0700269349842,
  +0.0696648873694,  +0.0667445399675,  +0.0615077464072,
  +0.0542753252232,  +0.0346923462002,  +0.0222365562791,
  +0.0094620267413,
  +0.0094620267413
);
```

1102d

FIGURE 11

FIGURE 12

```
cpCNoLutSize = 32;
cpCNoBias[] = (
-0.665600379319,   -0.643111517442,   -0.624975162632,   -
0.595938992723,
-0.559287765568,   -0.520404507886,   -0.459530313216,   -
0.397912473965,
-0.320679592548,   -0.227358638363,   -0.169149485509,   -
0.134115121894,
-0.093248854233,   -0.042209127976,   +0.013900697875,   -
+0.030229838211,
-0.026935463474,   -0.071392496579,   -0.112745818053,   -
0.143499048259,
-0.200002376399,   -0.294269878656,   -0.374278804318,   -
0.436007891727,
-0.489039110388,   -0.535137291211,   -0.572100812773,   -
0.600209370055,
-0.622671437269,   -0.635509030633,   -0.655586931629,   -
0.686092980657,
-0.686092980657
);
```
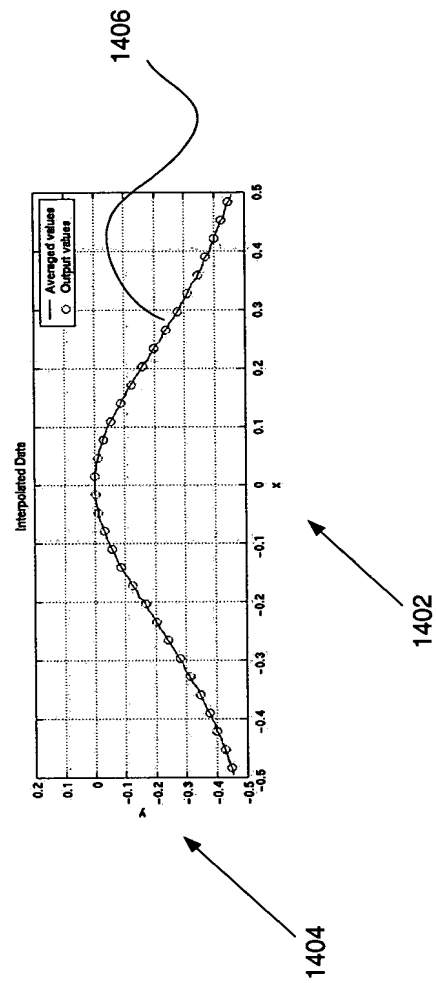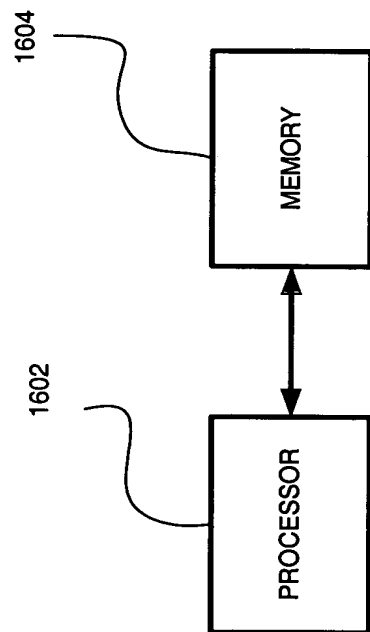
                        1302a   1302b   1302c

                                    1302d

FIGURE 13

FIGURE 14

```
dpCNoLutSize = 32;
dpCNoBias[] = {
0.378573357445,    -0.447625938630,    -0.427243082428,    -0.401452304661,  -
    -0.346329974586,    -0.313474710834,    -0.279382766770,  -
0.240728437705,
    -0.202787086851,    -0.166313079246,    -0.123529683544,  -
0.086167776981,
    -0.056607438349,    -0.031403402449,    -0.011186913475,  -
0.000663167417,
    +0.000765629518,    -0.010672131763,    -0.028183991495,  -
0.053913132592,
    -0.086935551183,    -0.122995196884,    -0.160382351203,  -
0.198874450707,
    -0.240515393742,    -0.278601619497,    -0.311314354758,  -
0.345037167628,
    -0.371881793802,    -0.400323296813,    -0.423945484909,  -
0.445915062820
};
```

1502a   1502b   1502c   1502d

FIGURE 15

FIGURE 16

FIGURE 17